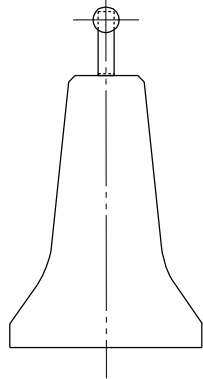
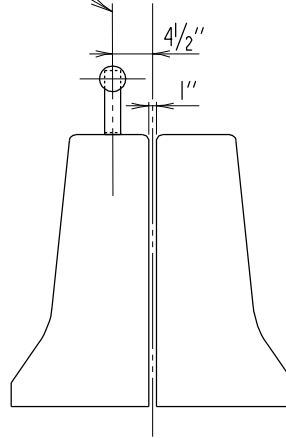


Ø Yellow Delineator and
Ø Barrier



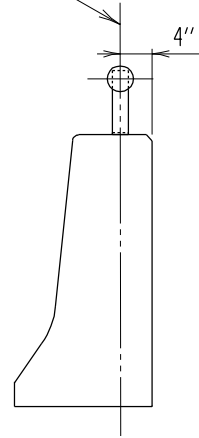
SOLID MEDIAN BARRIER

Ø Yellow Delineator



SPLIT MEDIAN BARRIER

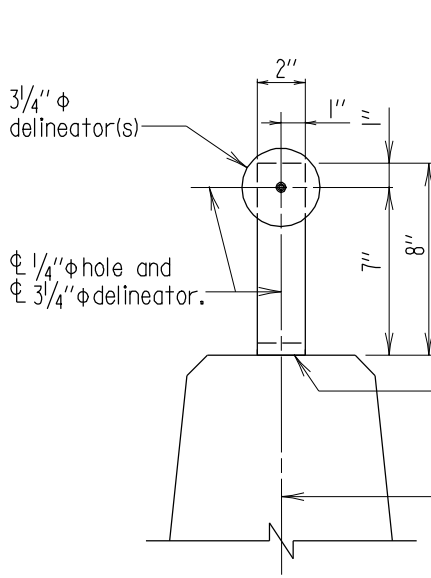
Ø White Delineator



SINGLE FACE BARRIER

TRANSVERSE LOCATION OF DELINEATORS

Scale: 1/2" = 1'-0"



END VIEW

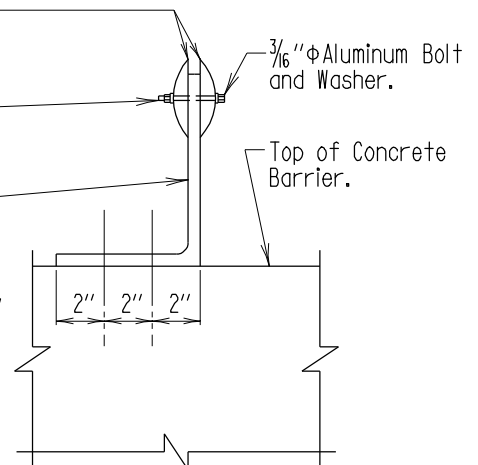
2 - 3/4" Single delineators
(Median Barrier Only).
3/4" Single delineators
(All other Barriers).

Aluminum Nut and Washer
(Burr threads after tightening).

Delineator support to be
8" x 6" x 1/4" L or bent
plate (Aluminum).

Bottom of 6" leg of angle to be thoroughly
coated with an approved caulking compound
or an approved zinc chromate paint.

Ø 2 - 1/4" Galvanized Bolts in Bulldog
Gold Digger Flush Drill Anchors (or
Approved Equal). As alternate, the
Contractor may cast 2 - 1/4" x 4" long
galvanized bolts in the concrete. Use
galvanized nuts and washers to fasten
support to barrier.



SIDE VIEW

CONCRETE BARRIER DELINEATOR

Scale: 1/2" = 1'-0"

* SPACING OF DELINEATORS

Radius of Horizontal Curve	C/C Distance Between Delineators
Less than 2000'	115'
2000' to 3000'	130'
3000' to 5000'	160'
Over 5000'	200'
Tangent Area	200'

* Place one delineator at each end of each wall, even if wall is shorter than lengths indicated below.

FHWA APPROVAL
DATE: 8-24-76

APPROVAL	
<i>E. S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 6/20/75	
REVISIONS	
SHA	FHWA
10-19-77	10-19-77
6-10-80	7-29-80
10-22-03	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

CONCRETE BARRIER DELINEATOR

STANDARD NO. M(5.11)-75-14

SHEET 1 OF 1

MISCELLANEOUS